

In the Specification:

On page 1, line 1, insert the word “Background.”

On page 1, line 2, insert the words “Field of the Invention.”

On page 2, line 8, insert the words “Summary of the Invention” before the paragraph beginning with “Thus according to the invention there is provided an assembly . . . ”

On page 2, line 8, amend the first full paragraph under “Summary of the Invention” as marked up below to show changes:

Thus according to the invention there is provided an a gas seal
system assembly and method comprising a housing, an electric motor
accommodated within a first portion of the housing, rotating machinery
accommodated within a second portion of the housing and driven by the
electric motor, separation means in the housing between the first and
second portions thereof for separating fluid acted upon by the rotating
machinery from the electric motor, gas introduction means for
introducing at least substantially dry motor protection gas into the first
housing portion and restricted gas flow means for permitting a leakage of
the motor protection gas from the first housing portion into the second
housing portion. The invention further provides a circulating apparatus
for diverting a portion of the fluid acted upon by the rotating machinery
to the first housing portion. The circulating apparatus includes drying
means for reducing the moisture content of the acted upon gas diverted
back to the first housing portion.

On page 5, line 12, insert the words “Description of the Drawings” before the paragraph beginning with “The invention will now be described by way of example . . . ”

On page 5, line 20, insert the words “Detailed Description of the Invention” before the paragraph beginning with “The prior art arrangements shown in Figs 1 and 2 . . . ”

On page 6, line 6, amend the second full paragraph as marked up below to show changes :

The compressor 32 includes an inlet 56 connected to an inlet pipe 58 (at pressure p_1 P1) and an outlet 60 connected to an outlet pipe 62 (at a higher pressure p_2 P2).

On page 6, line 8, amend the third full paragraph as marked up below to show changes:

The first housing portion 42 containing the motor is maintained at a pressure p_3 P3 by the supply of motor protection gas 52. p_3 P3 is maintained higher than p_1 P1 in order that motor protection gas 52 steadily leaks through the gas flow means 54 in the direction of arrows A into the second housing portion. This pressure differential prevents any of the gas supplied to the compressor via inlet pipe 58, which may contain moisture, from entering the first housing 42. Control means (not shown) are preferably provided to maintain p_3 P3 only slightly above p_1 P1 in order that only a low volumetric flow of motor protection gas through the gas flow means 54 occurs. This will reduce the amount of motor protection gas required and thereby ~~minimise~~ minimize running costs.